

## POMERANTZ LLP

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UNITED STATES DISTRICT COURT  
NORTHERN DISTRICT OF CALIFORNIA

CHRISTOPHER LEO, Individually and on Behalf of All Others Similarly Situated,

Case No.:

Plaintiff,

QUANTUMSCAPE CORPORATION F/K/A  
KENSINGTON CAPITAL ACQUISITION  
CORP., and JAGDEEP SINGH,

**CLASS ACTION COMPLAINT FOR  
VIOLATIONS OF THE FEDERAL  
SECURITIES LAWS**

**JURY TRIAL DEMANDED**

## Defendants

1 Plaintiff Christopher Leo (“Plaintiff”), individually and on behalf of all others similarly situated,  
 2 by and through his attorneys, alleges the following upon information and belief, except as to those  
 3 allegations concerning Plaintiff, which are alleged upon personal knowledge. Plaintiff’s information  
 4 and belief is based upon, among other things, his counsel’s investigation, which includes without  
 5 limitation: (a) review and analysis of regulatory filings made by QuantumScape Corporation  
 6 (“QuantumScape” or the “Company”) f/k/a Kensington Capital Acquisition Corp. (“Kensington”) with  
 7 the United States (“U.S.”) Securities and Exchange Commission (“SEC”); (b) review and analysis of  
 8 press releases and media reports issued by and disseminated by QuantumScape; and (c) review of other  
 9 publicly available information concerning QuantumScape.

11 **NATURE OF THE ACTION AND OVERVIEW**

12 1. This is a class action on behalf of persons and entities that purchased or otherwise  
 13 acquired QuantumScape securities between November 27, 2020 and December 31, 2020, inclusive (the  
 14 “Class Period”). Plaintiff pursues claims against the Defendants under the Securities Exchange Act of  
 15 1934 (the “Exchange Act”).

17 2. QuantumScape develops battery technology for electric vehicles and other applications.

18 3. QuantumScape went public via business combination with Kensington, which closed on  
 19 November 25, 2020 (the “Merger”), with QuantumScape as the surviving public entity. Kensington  
 20 was a special purpose acquisition company that was formed for the purpose of effecting a merger,  
 21 capital stock exchange, asset acquisition, stock purchase, reorganization or similar business  
 22 combination. Though Kensington was not limited to a particular industry or sector, it focused its search  
 23 for a target business in the automotive and automotive-related sector.

25 4. On January 4, 2021, an article was published on Seeking Alpha pointing to several risks  
 26 with QuantumScape’s solid-state batteries that make it “completely unacceptable for real world field  
 27 electric vehicles.” Specifically, it stated that the battery’s power means it “will only last for 260 cycles

1 or about 75,000 miles of aggressive driving.” As solid-state batteries are temperature sensitive, “the  
 2 power and cycle tests at 30 and 45 degrees above would have been significantly worse if run even a few  
 3 degrees lower.”

4 5. On this news, the Company’s stock price fell \$34.49, or approximately 40.84%, to close  
 5 at \$49.96 per share on January 4, 2021, on unusually heavy trading volume.

6 7. Throughout the Class Period, Defendants made materially false and/or misleading  
 8 statements, as well as failed to disclose material adverse facts about the Company’s business,  
 9 operations, and prospects. Specifically, Defendants failed to disclose to investors: (1) that the  
 10 Company’s purported success related to its solid-state battery power, battery life, and energy density  
 11 were significantly overstated; (2) that the Company is unlikely to be able to scale its technology to the  
 12 multi-layer cell necessary to power electric vehicles; and (3) that, as a result of the foregoing,  
 13 Defendants’ positive statements about the Company’s business, operations, and prospects were  
 14 materially misleading and/or lacked a reasonable basis.

16 7. As a result of Defendants’ wrongful acts and omissions, and the precipitous decline in  
 17 the market value of the Company’s securities, Plaintiff and other Class members have suffered  
 18 significant losses and damages.

20 **JURISDICTION AND VENUE**

21 8. The claims asserted herein arise under Sections 10(b) and 20(a) of the Exchange Act (15  
 22 U.S.C. §§ 78j(b) and 78t(a)) and Rule 10b-5 promulgated thereunder by the SEC (17 C.F.R. § 240.10b-  
 23 5).

24 9. This Court has jurisdiction over the subject matter of this action pursuant to 28 U.S.C. §  
 25 1331 and Section 27 of the Exchange Act (15 U.S.C. § 78aa).

27 10. Venue is proper in this Judicial District pursuant to 28 U.S.C. § 1391(b) and Section 27  
 28 of the Exchange Act (15 U.S.C. § 78aa(c)). Substantial acts in furtherance of the alleged fraud or the

1 effects of the fraud have occurred in this Judicial District. Many of the acts charged herein, including  
 2 the dissemination of materially false and/or misleading information, occurred in substantial part in this  
 3 Judicial District. In addition, the Company's principal executive offices are in this District.

4 11. In connection with the acts, transactions, and conduct alleged herein, Defendants directly  
 5 and indirectly used the means and instrumentalities of interstate commerce, including the United States  
 6 mail, interstate telephone communications, and the facilities of a national securities exchange.  
 7

8 **PARTIES**

9 12. Plaintiff Christopher Leo, as set forth in the accompanying certification, incorporated by  
 10 reference herein, purchased QuantumScape securities during the Class Period, and suffered damages as  
 11 a result of the federal securities law violations and false and/or misleading statements and/or material  
 12 omissions alleged herein.  
 13

14 13. Defendant QuantumScape is incorporated under the laws of Delaware with its principal  
 15 executive offices located in San Jose, California. QuantumScape's Class A common stock trades on the  
 16 New York Stock Exchange ("NYSE") under the symbol "QS." Its warrants trade on the NYSE under  
 17 the symbol "QS.W."

18 14. Defendant Jagdeep Singh ("Singh") founded QuantumScape and was its Chief Executive  
 19 Officer ("CEO") at all relevant times. He is sometimes referred to hereinafter as the Individual  
 20 Defendant. Defendant Singh, because of his positions with the Company, possessed the power and  
 21 authority to control the contents of the Company's reports to the SEC, press releases and presentations  
 22 to securities analysts, money and portfolio managers and institutional investors, i.e., the market. The  
 23 Individual Defendant was provided with copies of the Company's reports and press releases alleged  
 24 herein to be misleading prior to, or shortly after, their issuance and had the ability and opportunity to  
 25 prevent their issuance or cause them to be corrected. Because of his positions and access to material  
 26 non-public information available to them, the Individual Defendant knew that the adverse facts  
 27  
 28

1 specified herein had not been disclosed to, and were being concealed from, the public, and that the  
 2 positive representations which were being made were then materially false and/or misleading. The  
 3 Individual Defendant is liable for the false statements pleaded herein.

4 **SUBSTANTIVE ALLEGATIONS**

5 **Background**

6 15. QuantumScape develops battery technology for electric vehicles and other applications.  
 7 16. QuantumScape went public via business combination with Kensington, which closed on  
 8 November 25, 2020, with QuantumScape as the surviving public entity. Kensington was a special  
 9 purpose acquisition company that was formed for the purpose of effecting a merger, capital stock  
 10 exchange, asset acquisition, stock purchase, reorganization or similar business combination. Though  
 11 Kensington was not limited to a particular industry or sector, it focused its search for a target business  
 12 in the automotive and automotive-related sector.  
 13

14 **Materially False and Misleading**

15 **Statements Issued During the Class Period**

16 17. The Class Period begins on November 27, 2020, the day that the QuantumScape and  
 17 Kensington combination was completed and QuantumScape Class A common stock and warrants began  
 18 trading on the NYSE. QuantumScape and Kensington issued a joint press release that day announcing  
 19 the closing of the business combination and that QuantumScape securities would begin trading on the  
 20 NYSE that day. The release again characterized QuantumScape as “a leader in the development of next  
 21 generation solid-state lithium-metal batteries for use in electric vehicles,” further stating in pertinent  
 22 part as follows:  
 23

24 Since the company was founded in 2010, QuantumScape has been exclusively focused on  
 25 developing solid-state batteries and designing a scalable manufacturing process to  
 26 commercialize its battery technology for the automotive industry. Through its elegant  
 27 “anode-less” design, QuantumScape’s solid-state lithium-metal batteries are designed to  
 28 be safer, and to deliver greater range, faster charge times and improved cycle life, than  
 today’s conventional lithium-ion battery technology.

1       “Today marks a big step in the evolution of our company,” commented Jagdeep Singh,  
 2       Founder and Chief Executive Officer of QuantumScape. “This transaction allows  
 3       QuantumScape to fund development and commercialization of our OEM-validated  
 4       battery technology as we look forward to playing our part in the electrification of the  
 5       automotive powertrain, helping transform one of the world’s largest industries and  
 6       fostering a cleaner future for all.”

7       Justin Mirro, Chairman and Chief Executive Officer of Kensington, added, “we are  
 8       incredibly excited to complete our business combination with QuantumScape and to  
 9       provide the company with significant capital and automotive guidance to accelerate its  
 10      business plan. The adoption of electric vehicles has emerged as the global mega-trend in  
 11      the automotive industry, and QuantumScape is now well positioned to become a leading  
 12      supplier of solid-state batteries for this next generation of electric powertrains.”

13      18. On December 8, 2020, QuantumScape announced new performance data for its solid-  
 14      state battery technology in a press release, stating in relevant part:

15      QuantumScape Corporation (NYSE: QS, or “QuantumScape”), a leader in the  
 16      development of next generation solid-state lithium-metal batteries for use in electric  
 17      vehicles (EVs), has *released performance data demonstrating that its technology  
 18      addresses fundamental issues holding back widespread adoption of high-energy density  
 19      solid-state batteries, including charge time (current density), cycle life, safety, and  
 20      operating temperature.*

21      A commercially-viable solid-state lithium-metal battery is an advancement that the  
 22      battery industry has pursued for decades, as it holds the promise of a step function  
 23      increase in energy density over conventional lithium-ion batteries, enabling electric  
 24      vehicles with a driving range comparable to combustion engine based vehicles.  
 25      *QuantumScape’s solid-state battery is designed to enable up to 80% longer range  
 26      compared to today’s lithium-ion batteries.* Previous attempts to create a solid-state  
 27      separator capable of working with lithium metal at high rates of power generally required  
 28      compromising other aspects of the cell (cycle life, operating temperature, safety, cathode  
 29      loading, or excess lithium in the anode).

30      QuantumScape’s newly-released results, based on testing of single layer battery cells,  
 31      show its solid-state separators are capable of working at very high rates of power,  
 32      enabling a 15-minute charge to 80% capacity, faster than either conventional battery or  
 33      alternative solid-state approaches are capable of delivering. In addition, the data shows  
 34      QuantumScape battery technology is capable of lasting hundreds of thousands of miles  
 35      and is designed to operate at a wide range of temperatures, including results that show  
 36      operation at -30 degrees Celsius.

37      The tested cells were large-area single-layer pouch cells in the target commercial form  
 38      factor with zero excess lithium on the anode and thick cathodes (>3mAh/cm<sup>2</sup>), running at  
 39      rates of one-hour charge and discharge (1C charge and 1C discharge) at 30 degrees  
 40      Celsius. These tests demonstrated robust performance of these single layer pouch cells

even at these high rates, resulting in retained capacity of greater than 80% after 800 cycles (demonstrating high columbic efficiency of greater than 99.97%).

\* \* \*

"We believe that the performance data we've unveiled today shows that solid-state batteries have the potential to narrow the gap between electric vehicles and internal combustion vehicles and help enable EVs to become the world's dominant form of transportation," said Jagdeep Singh, founder & CEO of QuantumScape.

\* \* \*

Beyond its ability to function at high rates of power while delivering high energy density, other key characteristics of QuantumScape's solid-state lithium-metal battery technology include:

- **Zero excess lithium:** In addition to eliminating the carbon or carbon/silicon anode, QuantumScape’s solid-state design further increases energy density because it uses no excess lithium on the anode. Some previous attempts at solid-state batteries used a lithium foil or other deposited-lithium anode, which reduces energy density.
- **Long life:** Because it eliminates the side reaction between the liquid electrolyte and the carbon in the anode of conventional lithium-ion cells, QuantumScape’s battery technology is designed to last hundreds of thousands of miles of driving. Alternative solid-state approaches with a lithium metal anode typically have not demonstrated the ability to work reliably at close to room temperatures (30 degrees Celsius) with zero excess lithium at high current densities ( $>3\text{mAh/cm}^2$ ) for more than a few hundred cycles, and result in a short-circuit or capacity loss before the life target is met. By contrast, today’s test results show that QuantumScape’s battery technology is capable of running for over 800 cycles with greater than 80% capacity retention.
- **Low-temperature operation:** QuantumScape’s solid-state separator is designed to operate at a wide range of temperatures, and it has been tested to -30 degrees Celsius, temperatures that render some other solid-state designs inoperable.
- **Safety:** QuantumScape’s solid-state separator is noncombustible and isolates the anode from the cathode even at very high temperatures — much higher than conventional organic separators used in lithium-ion batteries.

19. On December 17, 2020, QuantumScape filed a registration statement for the sale of securities held by insiders. Therein, the Company listed various risk factors regarding product development, including:

1           *We face significant barriers in our attempts to produce a solid-state battery cell and  
2           may not be able to successfully develop our solid-state battery cell. If we cannot  
3           successfully overcome those barriers, our business will be negatively impacted and  
4           could fail.*

5           Producing lithium-metal solid-state batteries that meet the requirements for wide  
6           adoption by automotive OEMs is a difficult undertaking. We are still in development  
7           stage and face significant challenges in completing development of our battery and in  
8           producing battery cells in commercial volumes. Some of the development challenges that  
9           could prevent the introduction of our solid-state battery cell include difficulties with  
10           increasing the yield of our separators and single-layer cells, multilayer cell stacking,  
11           packaging engineering to ensure adequate cycle life, cost reduction, completion of the  
12           rigorous and challenging specifications required by our automotive partners, including  
13           but not limited to, calendar life, mechanical testing, and abuse testing and development of  
14           the final manufacturing processes. . . . We are likely to encounter engineering challenges  
15           as we increase the dimensions and reduce the thickness of its solid-state separators. If we  
16           are not able to overcome these barriers in developing and producing its solid-state  
17           separators, our business could fail.

18           To achieve target energy density, we need to stack our single-layer cells in a multilayer  
19           format, which is enclosed within a single battery package. Depending upon our  
20           customer's requirements, our battery cell may require over one hundred single-layer  
21           battery cells within each battery package. We have not yet built a multi-layer solid-state  
22           battery cell in the dimensions required for automotive applications. There are significant  
23           developmental and mechanical challenges that we must overcome to build our multi-  
24           layer battery cell for automotive application. In addition, we will need to acquire certain  
25           tools that we currently do not possess and develop the manufacturing process necessary  
26           to make these multi-layer battery cells in high volume. If we are not able to overcome  
27           these developmental hurdles in building our multi-layer cells, our business is likely to  
28           fail.

19           We are evaluating multiple cathode material compositions for inclusion in our solid-state  
20           battery cells and have not yet finalized the cathode composition or formulation. We also  
21           have not validated that the current cell design, with the inclusion of an organic gel made  
22           of an organic polymer and organic liquid catholyte as part of the cathode, meets all  
23           automotive requirements. We have not yet validated a manufacturing process or acquired  
24           the tools necessary to produce high volumes of our cathode material that meets all  
25           commercial requirements. If we are not able to overcome these developmental and  
26           manufacturing hurdles our business likely will fail.

27           Even if we complete development and achieve volume production of our solid-state  
28           battery, if the cost, performance characteristics or other specifications of the battery fall  
         short of our targets, our sales, product pricing and margins would likely be adversely  
         affected.

27           20. The registration statement also stated that the Company's battery technology "will  
28           enable significant benefits across battery capacity, life, safety, and fast charging while minimizing

1 costs.” It identified “five key requirements” that QuantumScape’s battery technology is intended to  
 2 meet to enable mass market adoption of electric vehicles:

- 3     • ***Energy density.*** Our battery design is intended to significantly increase  
 4 volumetric and gravimetric energy density by eliminating the carbon/silicon  
 5 anode host material found in conventional lithium-ion cells. This increased energy  
 6 density will enable EV manufacturers to increase range without increasing the  
 7 size and weight of the battery pack, or to reduce the size and weight of the battery  
 8 pack which will reduce the cost of the battery pack and other parts of the vehicle.  
 9 For example, we estimate that our solid-state battery cells will enable a car maker  
 10 to increase the range of a luxury performance EV—with 350 liters of available  
 11 battery space—from 250 miles (400 km) to 450 miles (730 km) without  
 12 increasing the size and weight of the battery pack. In the same example, our  
 13 battery would enable the car maker to increase the maximum power output of  
 14 such a vehicle from 420 kW to 650 kW without increasing the size of the battery  
 15 pack. Alternatively, we believe that our solid-state battery cells will enable a car  
 16 maker to increase the range of a mass market sedan—with 160 liters of available  
 17 battery space—from 123 miles (200km) to 233 miles (375km) without increasing  
 18 the size and weight of the battery pack. Similarly, our battery would enable the  
 19 car maker to increase the maximum power output of such vehicle from 100 kW to  
 20 150 kW without increasing the size of the battery pack.
- 21     • ***Battery life.*** Our technology is expected to enable increased battery life relative to  
 22 conventional lithium-ion batteries. In a conventional cell, battery life is limited by  
 23 the gradual irreversible loss of lithium due to side reactions between the liquid  
 24 electrolyte and the anode. By eliminating the anode host material, we expect to  
 25 eliminate the side reaction and enable longer battery life. Our latest single layer  
 26 prototype cells have been tested to over 800 cycles (under stringent test  
 27 conditions, including 100% depth-of-discharge cycles at one-hour charge and  
 28 discharge rates at 30 degrees Celsius with commercial loading cathodes) while  
 still retaining over 80% of the cells’ discharge capacity.
- 29     • ***Fast charging capability.*** Our battery technology, and specifically our solid-state  
 30 separator material, has been tested to demonstrate the ability to charge to  
 31 approximately 80% in 15 minutes, faster than commonly used high-energy EV  
 32 batteries on the market. In these conventional EV batteries, the limiting factor for  
 33 charge rate is the rate of diffusion of lithium ions into the anode. If a conventional  
 34 battery is charged beyond these limits, lithium can start plating on carbon  
 35 particles of the anode rather than diffuse into the carbon particles. This causes a  
 36 reaction between the plated lithium and liquid electrolyte which reduces cell  
 37 capacity and increases the risk of dendrites that can short circuit the cell. With a  
 38 lithium-metal anode, using our solid-state separator, we expect the lithium can be  
 39 plated as fast as the cathode can deliver it.
- 40     • ***Increased safety.*** Our solid-state battery cell uses a ceramic separator which is not  
 41 combustible and is therefore safer than conventional polymer separators. This  
 42 ceramic separator is also capable of withstanding temperatures considerably  
 43

1 higher than those that would melt conventional polymer separators, providing an  
 2 additional measure of safety. In high temperature tests of our solid-state separator  
 3 material with lithium, the separator material remained stable in direct contact with  
 molten lithium without releasing heat externally, even when heated up to 250  
 degrees, higher than the 180-degree melting point of lithium.

4

- 5 • **Cost.** Our battery technology eliminates the anode host material and the  
 6 associated manufacturing costs, providing a structural cost advantage compared to  
 7 traditional lithium-ion batteries. We estimate that eliminating these costs will  
 8 provide a savings of approximately 17% compared to the costs of building  
 9 traditional lithium-ion batteries at leading manufacturers.

10

11 21. On December 31, 2020, the Company filed its prospectus, which made substantially the  
 12 same statements identified in ¶¶ 19-20.

13 22. The above statements identified in ¶¶ 17-21 were materially false and/or misleading, and  
 14 failed to disclose material adverse facts about the Company's business, operations, and prospects.  
 15 Specifically, Defendants failed to disclose to investors: (1) that the Company's purported success  
 16 related to its solid-state battery power, battery life, and energy density were significantly overstated; (2)  
 17 that the Company is unlikely to be able to scale its technology to the multi-layer cell necessary to power  
 18 electric vehicles; and (3) that, as a result of the foregoing, Defendants' positive statements about the  
 19 Company's business, operations, and prospects were materially misleading and/or lacked a reasonable  
 20 basis.

21

**Disclosures at the End of the Class Period**

22 23. On January 4, 2021, before the market opened, an article was published on Seeking  
 23 Alpha pointing to several risks with QuantumScape's solid-state batteries that make it "completely  
 24 unacceptable for real world field electric vehicles." Specifically, it stated that the battery's power  
 25 means it "will only last for 260 cycles or about 75,000 miles of aggressive driving." As solid-state  
 26 batteries are temperature sensitive, "the power and cycle tests at 30 and 45 degrees above would have  
 27 been significantly worse if run even a few degrees lower." The article listed the following as the  
 28 Company's "Areas of Overstated Success:"

1 All of these areas below are described as successful, because they are much better than  
 2 has been achieved with solid state batteries in the past. ***But they are completely***  
***unacceptable for real world field electric vehicle performance.***

- 3 • **Power:** They have done 1200 cycles of a 90 second OEM specified track  
 4 simulation, which pulled pulses of 6C. In this track, 9 laps is full depth of  
 5 discharge, when the battery was heated to 45 degrees C (113 degrees F) and  
 6 charged to 80% in 15 minutes. The cell lost about 10% of its capacity in this 130  
 7 cycle test, ***meaning the battery will only last for 260 cycles or about 75,000 miles***  
 8 of aggressive driving. There is a note on the slide that it occurs at 3.4 atm, which  
 9 likely means at high pressure. I'll comment on this later.
- 10 • **Range:** In much gentler, 1C / 1C cycling at 30 degrees C, the cell makes it for  
 11 800 cycles, or 240,000 miles. Respectable, but not better than the vehicles on the  
 12 road today.
- 13 • **Low Temperature Operation:** They show discharge curves at 0 to -30 degrees  
 14 Celsius, achieving 90 - 130 Wh/kg. Since their battery has >400 Wh/kg, the range  
 15 is from 25 - 30% of the battery capacity available in the winter, or about 75-100  
 16 miles at full capacity. ***Also, note that the temperature capability of solid state***  
 17 ***batteries is VERY temperature sensitive - thus the power and cycle tests at 30***  
 18 ***and 45 degrees above would have been significantly worse if run even a few***  
 19 ***degrees lower.***
- 20 • **Low Temperature Life:** They show 100 or so cycles at -10 degrees C.  
 21 Respectable, except that these cycles are at C/5 charge and C/3 discharge. Thus,  
 22 not 80% in 15 minutes, but rather 5% charge in 15 minutes.
- 23 • **Energy Density:** They talk about being able to get to an energy density of 400  
 24 Wh/kg, which would be great. However, they clearly have not yet, as all their  
 25 graphs are normalized to 100%, not to an actual capacity. And Amprius is already  
 26 making cells with 450 Wh/kg, and Tesla claimed on their Battery Day that they  
 27 could achieve 350 Wh/kg. So, while nice, this energy density they hope to achieve  
 28 in 2028 will not beat today's state of the art, and will not be state of the art when  
 it is achieved.

22       24. The report also listed "Significant Challenges" that QuantumScape faces. In particular,  
 23 it highlighted that the Company has not yet created the multi-layer cells necessary to power electric  
 24 vehicles:

- 25 • **Multi-layer cells:** ***They have been unable to make multi-layer cells.*** My  
 26 expectation is that it is because of the unstable interface between the cathode,  
 27 which expands as much as 10% on discharge, and the solid state electrolyte,  
 28 which will not expand at all. They likely do their cycling under high isostatic  
 pressure (remember the 3.4 atm mentioned earlier?), which will not flow through  
 to inner layers. The inner layers will also be more rigidly constrained, so suffer

1 more from the interfacial decay with cycling. *Needless to say, 100,000 of their*  
 2 *tiny pouch cells will never make a practical vehicle. It's important to mention*  
 3 *here that, if your technology works, making a multilayer pouch cell is an easy*  
 4 *afternoon's work.*

- 5 • **Vibration and Dendrites:** The electrolyte is very, very stiff. It is well  
 6 documented that dendrites will not grow through solid, single crystal garnet  
 7 electrolytes. However, they grow freely at grain boundaries and defects. In their  
 8 pristine, temperature and pressure controlled and vibration-free labs, they can get  
 9 the cells to cycle. But in a rugged SUV or on our terrible South Carolina roads,  
 10 cracks and other defects will become plentiful and dendrites will grow. This will  
 11 in the best case destroy cycle life, and in the worst cause the battery to explode.
- 12 • **Lithium Metal Ignition:** They tout using lithium metal to increase energy  
 13 density. But they don't mention that lithium metal auto-ignites at 179 degrees  
 14 Celsius, generating 200 - 300 kJ/mol, or 30 - 40 kJ/g, a massive amount of energy  
 15 - about three times higher than ethylene carbonate, a common component of  
 16 lithium ion electrolytes. Pure lithium is the second most energetic element behind  
 17 beryllium, and could be used as a component of rocket fuel (with an oxidant). In  
 18 essence, they have replaced a burning separator and electrolyte for a much more  
 19 flammable and energetic burning anode. There is plenty enough energy in the  
 20 battery to raise the lithium to its ignition temperature, and if exposed to oxygen or  
 21 water, it will likely ignite itself. There is plenty of oxygen available in the cathode  
 22 materials.
- 23 • **Cost:** They claim lower cost, but are actually eliminating only one of the least  
 24 expensive components - graphite. *While this is true, they will have the added cost*  
 25 *of building up their thin ceramic electrolyte and sintering it at high*  
 26 *temperatures. My guess is that early on, their yields will be just terrible, if they*  
 27 *can achieve production scale at all.*

28 25. On this news, the Company's stock price fell \$34.49, or approximately 40.84%, to close  
 29 at \$49.96 per share on January 4, 2021, on unusually heavy trading volume.

### 22 CLASS ACTION ALLEGATIONS

23 26. Plaintiff brings this action as a class action pursuant to Federal Rule of Civil Procedure  
 24 23(a) and (b)(3) on behalf of a class, consisting of all persons and entities that purchased or otherwise  
 25 acquired QuantumScape securities between November 27, 2020 and December 31, 2020, inclusive, and  
 26 who were damaged thereby (the "Class"). Excluded from the Class are Defendants, the officers and  
 27 directors of the Company, at all relevant times, members of their immediate families and their legal  
 28

1 representatives, heirs, successors, or assigns, and any entity in which Defendants have or had a  
 2 controlling interest.

3       27. The members of the Class are so numerous that joinder of all members is impracticable.  
 4 Throughout the Class Period, QuantumScape's shares actively traded on the NYSE. While the exact  
 5 number of Class members is unknown to Plaintiff at this time and can only be ascertained through  
 6 appropriate discovery, Plaintiff believes that there are at least hundreds or thousands of members in the  
 7 proposed Class. Millions of QuantumScape shares were traded publicly during the Class Period on the  
 8 NYSE. Record owners and other members of the Class may be identified from records maintained by  
 9 QuantumScape or its transfer agent and may be notified of the pendency of this action by mail, using  
 10 the form of notice similar to that customarily used in securities class actions.

11       28. Plaintiff's claims are typical of the claims of the members of the Class as all members of  
 12 the Class are similarly affected by Defendants' wrongful conduct in violation of federal law that is  
 13 complained of herein.

14       29. Plaintiff will fairly and adequately protect the interests of the members of the Class and  
 15 has retained counsel competent and experienced in class and securities litigation.

16       30. Common questions of law and fact exist as to all members of the Class and predominate  
 17 over any questions solely affecting individual members of the Class. Among the questions of law and  
 18 fact common to the Class are:

19               a) whether the federal securities laws were violated by Defendants' acts as alleged  
 20 herein;

21               b) whether statements made by Defendants to the investing public during the Class  
 22 Period omitted and/or misrepresented material facts about the business, operations, and prospects of  
 23 QuantumScape; and

c) to what extent the members of the Class have sustained damages and the proper measure of damages.

31. A class action is superior to all other available methods for the fair and efficient adjudication of this controversy since joinder of all members is impracticable. Furthermore, as the damages suffered by individual Class members may be relatively small, the expense and burden of individual litigation makes it impossible for members of the Class to individually redress the wrongs done to them. There will be no difficulty in the management of this action as a class action.

## **UNDISCLOSED ADVERSE FACTS**

32. The market for QuantumScape's securities was open, well-developed and efficient at all relevant times. As a result of these materially false and/or misleading statements, and/or failures to disclose, QuantumScape's securities traded at artificially inflated prices during the Class Period. Plaintiff and other members of the Class purchased or otherwise acquired QuantumScape's securities relying upon the integrity of the market price of the Company's securities and market information relating to QuantumScape, and have been damaged thereby.

33. During the Class Period, Defendants materially misled the investing public, thereby inflating the price of QuantumScape’s securities, by publicly issuing false and/or misleading statements and/or omitting to disclose material facts necessary to make Defendants’ statements, as set forth herein, not false and/or misleading. The statements and omissions were materially false and/or misleading because they failed to disclose material adverse information and/or misrepresented the truth about QuantumScape’s business, operations, and prospects as alleged herein.

34. At all relevant times, the material misrepresentations and omissions particularized in this Complaint directly or proximately caused or were a substantial contributing cause of the damages sustained by Plaintiff and other members of the Class. As described herein, during the Class Period, Defendants made or caused to be made a series of materially false and/or misleading statements about

1 QuantumScape's financial well-being and prospects. These material misstatements and/or omissions  
 2 had the cause and effect of creating in the market an unrealistically positive assessment of the Company  
 3 and its financial well-being and prospects, thus causing the Company's securities to be overvalued and  
 4 artificially inflated at all relevant times. Defendants' materially false and/or misleading statements  
 5 during the Class Period resulted in Plaintiff and other members of the Class purchasing the Company's  
 6 securities at artificially inflated prices, thus causing the damages complained of herein when the truth  
 7 was revealed.

9 **LOSS CAUSATION**

10 35. Defendants' wrongful conduct, as alleged herein, directly and proximately caused the  
 11 economic loss suffered by Plaintiff and the Class.

12 36. During the Class Period, Plaintiff and the Class purchased QuantumScape's securities at  
 13 artificially inflated prices and were damaged thereby. The price of the Company's securities  
 14 significantly declined when the misrepresentations made to the market, and/or the information alleged  
 15 herein to have been concealed from the market, and/or the effects thereof, were revealed, causing  
 16 investors' losses.

18 **SCIENTER ALLEGATIONS**

19 37. As alleged herein, Defendants acted with scienter since Defendants knew that the public  
 20 documents and statements issued or disseminated in the name of the Company were materially false  
 21 and/or misleading; knew that such statements or documents would be issued or disseminated to the  
 22 investing public; and knowingly and substantially participated or acquiesced in the issuance or  
 23 dissemination of such statements or documents as primary violations of the federal securities laws. As  
 24 set forth elsewhere herein in detail, the Individual Defendant, by virtue of his receipt of information  
 25 reflecting the true facts regarding QuantumScape, his control over, and/or receipt and/or modification  
 26 of QuantumScape's allegedly materially misleading misstatements and/or his associations with the  
 27  
 28

1 Company which made him privy to confidential proprietary information concerning QuantumScape,  
 2 participated in the fraudulent scheme alleged herein.

3 **APPLICABILITY OF PRESUMPTION OF RELIANCE**  
 4 **(FRAUD-ON-THE-MARKET DOCTRINE)**

5 38. The market for QuantumScape's securities was open, well-developed and efficient at all  
 6 relevant times. As a result of the materially false and/or misleading statements and/or failures to  
 7 disclose, QuantumScape's securities traded at artificially inflated prices during the Class Period. On  
 8 December 22, 2020, the Company's share price closed at a Class Period high of \$131.67 per share.  
 9 Plaintiff and other members of the Class purchased or otherwise acquired the Company's securities  
 10 relying upon the integrity of the market price of QuantumScape's securities and market information  
 11 relating to QuantumScape, and have been damaged thereby.

12 39. During the Class Period, the artificial inflation of QuantumScape's shares was caused by  
 13 the material misrepresentations and/or omissions particularized in this Complaint causing the damages  
 14 sustained by Plaintiff and other members of the Class. As described herein, during the Class Period,  
 15 Defendants made or caused to be made a series of materially false and/or misleading statements about  
 16 QuantumScape's business, prospects, and operations. These material misstatements and/or omissions  
 17 created an unrealistically positive assessment of QuantumScape and its business, operations, and  
 18 prospects, thus causing the price of the Company's securities to be artificially inflated at all relevant  
 19 times, and when disclosed, negatively affected the value of the Company shares. Defendants'  
 20 materially false and/or misleading statements during the Class Period resulted in Plaintiff and other  
 21 members of the Class purchasing the Company's securities at such artificially inflated prices, and each  
 22 of them has been damaged as a result.

23 40. At all relevant times, the market for QuantumScape's securities was an efficient market  
 24 for the following reasons, among others:

1 a) QuantumScape shares met the requirements for listing, and was listed and  
 2 actively traded on the NYSE, a highly efficient and automated market;

3 b) As a regulated issuer, QuantumScape filed periodic public reports with the SEC  
 4 and/or the NYSE;

5 c) QuantumScape regularly communicated with public investors via established  
 6 market communication mechanisms, including through regular dissemination of press releases on the  
 7 national circuits of major newswire services and through other wide-ranging public disclosures, such as  
 8 communications with the financial press and other similar reporting services; and/or

9 d) QuantumScape was followed by securities analysts employed by brokerage firms  
 10 who wrote reports about the Company, and these reports were distributed to the sales force and certain  
 11 customers of their respective brokerage firms. Each of these reports was publicly available and entered  
 12 the public marketplace.

13 41. As a result of the foregoing, the market for QuantumScape's securities promptly  
 14 digested current information regarding QuantumScape from all publicly available sources and reflected  
 15 such information in QuantumScape's share price. Under these circumstances, all purchasers of  
 16 QuantumScape's securities during the Class Period suffered similar injury through their purchase of  
 17 QuantumScape's securities at artificially inflated prices and a presumption of reliance applies.

18 42. A Class-wide presumption of reliance is also appropriate in this action under the  
 19 Supreme Court's holding in *Affiliated Ute Citizens of Utah v. United States*, 406 U.S. 128 (1972),  
 20 because the Class's claims are, in large part, grounded on Defendants' material misstatements and/or  
 21 omissions. Because this action involves Defendants' failure to disclose material adverse information  
 22 regarding the Company's business operations and financial prospects—information that Defendants  
 23 were obligated to disclose—positive proof of reliance is not a prerequisite to recovery. All that is  
 24 necessary is that the facts withheld be material in the sense that a reasonable investor might have

1 considered them important in making investment decisions. Given the importance of the Class Period  
 2 material misstatements and omissions set forth above, that requirement is satisfied here.

3 **NO SAFE HARBOR**

4 43. The statutory safe harbor provided for forward-looking statements under certain  
 5 circumstances does not apply to any of the allegedly false statements pleaded in this Complaint. The  
 6 statements alleged to be false and misleading herein all relate to then-existing facts and conditions. In  
 7 addition, to the extent certain of the statements alleged to be false may be characterized as forward  
 8 looking, they were not identified as “forward-looking statements” when made and there were no  
 9 meaningful cautionary statements identifying important factors that could cause actual results to differ  
 10 materially from those in the purportedly forward-looking statements. In the alternative, to the extent  
 11 that the statutory safe harbor is determined to apply to any forward-looking statements pleaded herein,  
 12 Defendants are liable for those false forward-looking statements because at the time each of those  
 13 forward-looking statements was made, the speaker had actual knowledge that the forward-looking  
 14 statement was materially false or misleading, and/or the forward-looking statement was authorized or  
 15 approved by an executive officer of QuantumScape who knew that the statement was false when made.  
 16

17 **FIRST CLAIM**  
 18 **Violation of Section 10(b) of The Exchange Act and**  
 19 **Rule 10b-5 Promulgated Thereunder**  
 20 **Against All Defendants**

21 44. Plaintiff repeats and re-alleges each and every allegation contained above as if fully set  
 22 forth herein.

23 45. During the Class Period, Defendants carried out a plan, scheme and course of conduct  
 24 which was intended to and, throughout the Class Period, did: (i) deceive the investing public, including  
 25 Plaintiff and other Class members, as alleged herein; and (ii) cause Plaintiff and other members of the  
 26 Class to purchase QuantumScape’s securities at artificially inflated prices. In furtherance of this  
 27  
 28

1 unlawful scheme, plan and course of conduct, Defendants, and each defendant, took the actions set  
 2 forth herein.

3 46. Defendants (i) employed devices, schemes, and artifices to defraud; (ii) made untrue  
 4 statements of material fact and/or omitted to state material facts necessary to make the statements not  
 5 misleading; and (iii) engaged in acts, practices, and a course of business which operated as a fraud and  
 6 deceit upon the purchasers of the Company's securities in an effort to maintain artificially high market  
 7 prices for QuantumScape's securities in violation of Section 10(b) of the Exchange Act and Rule 10b-5.  
 8 All Defendants are sued either as primary participants in the wrongful and illegal conduct charged  
 9 herein or as controlling persons as alleged below.

10 47. Defendants, individually and in concert, directly and indirectly, by the use, means or  
 11 instrumentalities of interstate commerce and/or of the mails, engaged and participated in a continuous  
 12 course of conduct to conceal adverse material information about QuantumScape's financial well-being  
 13 and prospects, as specified herein.

14 48. Defendants employed devices, schemes and artifices to defraud, while in possession of  
 15 material adverse non-public information and engaged in acts, practices, and a course of conduct as  
 16 alleged herein in an effort to assure investors of QuantumScape's value and performance and continued  
 17 substantial growth, which included the making of, or the participation in the making of, untrue  
 18 statements of material facts and/or omitting to state material facts necessary in order to make the  
 19 statements made about QuantumScape and its business operations and future prospects in light of the  
 20 circumstances under which they were made, not misleading, as set forth more particularly herein, and  
 21 engaged in transactions, practices and a course of business which operated as a fraud and deceit upon  
 22 the purchasers of the Company's securities during the Class Period.

23 49. The Individual Defendant's primary liability and controlling person liability arises from  
 24 the following facts: (i) he was a high-level executive and/or directors at the Company during the Class

1 Period and members of the Company's management team or had control thereof; (ii) by virtue of his  
2 responsibilities and activities as a senior officer and/or director of the Company, he was privy to and  
3 participated in the creation, development and reporting of the Company's internal budgets, plans,  
4 projections and/or reports; (iii) the Individual Defendant enjoyed significant personal contact and  
5 familiarity with the other defendants and was advised of, and had access to, other members of the  
6 Company's management team, internal reports and other data and information about the Company's  
7 finances, operations, and sales at all relevant times; and (iv) the Individual Defendant was aware of the  
8 Company's dissemination of information to the investing public which they knew and/or recklessly  
9 disregarded was materially false and misleading.

10  
11 50. Defendants had actual knowledge of the misrepresentations and/or omissions of material  
12 facts set forth herein, or acted with reckless disregard for the truth in that they failed to ascertain and to  
13 disclose such facts, even though such facts were available to them. Such defendants' material  
14 misrepresentations and/or omissions were done knowingly or recklessly and for the purpose and effect  
15 of concealing QuantumScape's financial well-being and prospects from the investing public and  
16 supporting the artificially inflated price of its securities. As demonstrated by Defendants'  
17 overstatements and/or misstatements of the Company's business, operations, financial well-being, and  
18 prospects throughout the Class Period, Defendants, if they did not have actual knowledge of the  
19 misrepresentations and/or omissions alleged, were reckless in failing to obtain such knowledge by  
20 deliberately refraining from taking those steps necessary to discover whether those statements were  
21 false or misleading.

22  
23 51. As a result of the dissemination of the materially false and/or misleading information  
24 and/or failure to disclose material facts, as set forth above, the market price of QuantumScape's  
25 securities was artificially inflated during the Class Period. In ignorance of the fact that market prices of  
26 the Company's securities were artificially inflated, and relying directly or indirectly on the false and  
27  
28

misleading statements made by Defendants, or upon the integrity of the market in which the securities trades, and/or in the absence of material adverse information that was known to or recklessly disregarded by Defendants, but not disclosed in public statements by Defendants during the Class Period, Plaintiff and the other members of the Class acquired QuantumScape's securities during the Class Period at artificially high prices and were damaged thereby.

52. At the time of said misrepresentations and/or omissions, Plaintiff and other members of the Class were ignorant of their falsity, and believed them to be true. Had Plaintiff and the other members of the Class and the marketplace known the truth regarding the problems that QuantumScape was experiencing, which were not disclosed by Defendants, Plaintiff and other members of the Class would not have purchased or otherwise acquired their QuantumScape securities, or, if they had acquired such securities during the Class Period, they would not have done so at the artificially inflated prices which they paid.

53. By virtue of the foregoing, Defendants violated Section 10(b) of the Exchange Act and Rule 10b-5 promulgated thereunder.

54. As a direct and proximate result of Defendants' wrongful conduct, Plaintiff and the other members of the Class suffered damages in connection with their respective purchases and sales of the Company's securities during the Class Period.

**SECOND CLAIM**  
**Violation of Section 20(a) of The Exchange Act**  
**Against the Individual Defendant**

55. Plaintiff repeats and re-alleges each and every allegation contained above as if fully set forth herein.

56. Individual Defendant acted as a controlling person of QuantumScape within the meaning of Section 20(a) of the Exchange Act as alleged herein. By virtue of his high-level positions and his ownership and contractual rights, participation in, and/or awareness of the Company's operations and

1 intimate knowledge of the false financial statements filed by the Company with the SEC and  
 2 disseminated to the investing public, the Individual Defendant had the power to influence and control  
 3 and did influence and control, directly or indirectly, the decision-making of the Company, including the  
 4 content and dissemination of the various statements which Plaintiff contends are false and misleading.  
 5 The Individual Defendant was provided with or had unlimited access to copies of the Company's  
 6 reports, press releases, public filings, and other statements alleged by Plaintiff to be misleading prior to  
 7 and/or shortly after these statements were issued and had the ability to prevent the issuance of the  
 8 statements or cause the statements to be corrected.

10 57. In particular, the Individual Defendant had direct and supervisory involvement in the  
 11 day-to-day operations of the Company and, therefore, had the power to control or influence the  
 12 particular transactions giving rise to the securities violations as alleged herein, and exercised the same.  
 13

14 58. As set forth above, QuantumScape and the Individual Defendant each violated Section  
 15 10(b) and Rule 10b-5 by their acts and omissions as alleged in this Complaint. By virtue of his position  
 16 as a controlling person, Individual Defendant is liable pursuant to Section 20(a) of the Exchange Act.  
 17

18 59. As a direct and proximate result of Defendants' wrongful conduct, Plaintiff and other  
 19 members of the Class suffered damages in connection with their purchases of the Company's securities  
 20 during the Class Period.

21 **PRAYER FOR RELIEF**

22 WHEREFORE, Plaintiff prays for relief and judgment, as follows:

23 A. Determining that this action is a proper class action under Rule 23 of the Federal Rules  
 24 of Civil Procedure;

25 B. Awarding compensatory damages in favor of Plaintiff and the other Class members  
 26 against all defendants, jointly and severally, for all damages sustained as a result of Defendants'  
 27 wrongdoing, in an amount to be proven at trial, including interest thereon;

1 C. Awarding Plaintiff and the Class their reasonable costs and expenses incurred in this  
2 action, including counsel fees and expert fees; and

3 D. Such other and further relief as the Court may deem just and proper.

4 **JURY TRIAL DEMANDED**

5 Plaintiff hereby demands a trial by jury.

6 Dated: January 8, 2021

7  
8 Respectfully submitted,

9  
10 **POMERANTZ LLP**

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Wednesday, January 6, 2021

## QuantumScape (QS)

### CERTIFICATION PURSUANT TO FEDERAL SECURITIES LAWS

1. I make this declaration pursuant to Section 27(a)(2) of the Securities Act of 1933 ("Securities Act") and/or Section 21D(a)(2) of the Securities Exchange Act of 1934 ("Exchange Act") as amended by the Private Securities Litigation Reform Act of 1995.
2. I have reviewed a Complaint against QuantumScape Corporation ("QuantumScape" or the "Company") and authorize the filing of a comparable complaint on my behalf.
3. I did not purchase or acquire QuantumScape securities at the direction of plaintiffs counsel, or in order to participate in any private action arising under the Securities Act or Exchange Act.
4. I am willing to serve as a representative party on behalf of a Class of investors who purchased or acquired QuantumScape securities during the class period, including providing testimony at deposition and trial, if necessary. I understand that the Court has the authority to select the most adequate lead plaintiff in this action.
5. To the best of my current knowledge, the attached sheet lists all of my transactions in QuantumScape securities during the Class Period as specified in the Complaint.
6. During the three-year period preceding the date on which this Certification is signed, I have not sought to serve as a representative party on behalf of a class under the federal securities laws.
7. I agree not to accept any payment for serving as a representative party on behalf of the class as set forth in the Complaint, beyond my pro rata share of any recovery, except such reasonable costs and expenses directly relating to the representation of the class as ordered or approved by the Court.
8. I declare under penalty of perjury that the foregoing is true and correct.

**Name**

**Print Name**

Christopher Leo

**Signature**



QuantumScape Corporation (QS)

Leo, Christopher

## List of Purchases and Sales

Transaction Type	Date	Number of Shares/Unit	Price Per Share/Unit
Purchase	12/22/2020	4	\$116.0450